Bill no: 1st & final

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

63688

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... Sri Nagaraj. K.

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: Repairs Reconstruction of damaged culverts in Dasarahalli in ward no: 15						
	Estimate cost Rs	15,00 lakh					
	Job code No:	015-20-000111					
	AS No:	EE/DD/AS/88/2020-21					
	TS No:	EE/DD/TS/20/2020-21					
	S.O No:	EE/DD/SO/21/2020-21 dated 5/11/2020.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation for foundations of bridge, water supply, sanitary lines and electrical conduits, etc in pits or trenches 1.5m & above in width in hard soil not exceeding 1.5m in depth etc complete as per specification BF premeasurement Recorded in this MB vide page No: 63694 ie 129.60 m³ @ Rate Rs 95.00/m³					Rs 12312-00	12,303-00
	2) Providing & laying plain cement concrete M 20 in 1:3:6 with OPC @ 220 kgs with crushed stone aggregate 40 mm & down graded granite metal fraction mixed concrete laid in layers not exceeding 15 cms thick well compacted, curing etc complete as per specification						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ

M. A. R. 57 (Rule 116) No. D
Measurement Book

63680

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BF premeasurement Recorded in this MB vide page No: 63694 ie 19.44 m³ @ Rate Rs 4000/- m³						Rs 77760=00
	3) Providing & laying plain (reinforced) cement concrete for side drains using M-20 mix nominal mix concrete with OPC @ 300kgs with 20mm & down graded granite metal coarse aggregate @ 0.69 cum & fine aggregate @ 0.43 cum etc complete as per specification Culverts Fee RAB @ unit① 4th cross Vidhya	1	5.00	2.10	0.20	2.20	2.00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2) 5th Cross Vidhya Nagar	1	7.50	2.20	0.20	3.15	3.30
	(3) Ragigudda road	1	5.00	1.80	0.20	1.80	2.25
	(4) — 2nd Cross	1	5.00	1.50	0.20	1.50	
	(5) F/s of Mageed	1	4.20	2.10	0.20	1.76	
	(6) Near Standard School	1	5.40	2.10	0.20	2.27	
	(7) Near Chapalamane road	1	5.60	2.10	0.20	2.35	
	For Rice drain C/W						
	Foom chapalamane circle	1	30.00	1.05	0.15	4.73	
		1	4.00	1.05	0.15	0.63	
		1	18.00	1.05	0.15	2.84	
	For Side wall C/W work						
	1) 4th Cross Vidhyanagar	2	5.00	0.30	0.90	2.70	
	2) 5th Cross — " —	2	7.50	0.30	0.95	4.28	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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M. A. R. 57 (Rule 116) No. D

Measurement Book

63690

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3) Ragigudda Road	2	5.00	0.30	1.00	3.00	
	4) — 2nd Cross	2	5.00	0.30	1.05	3.15	
	5) F/s of Mageed	2	4.20	0.30	1.00	2.52	
	6) Near Standard School	2	5.40	0.30	0.95	3.08	
	7) Chapalamane road C/W	2	5.60	0.30	1.10	3.70	
	For Rubble Masonry						
	near chapalam Circle	2	30.00	0.15	0.60	5.85	
		2	4.00	0.15	0.60	0.78	
		2	18.00	0.15	0.60	3.51	
	For Circle Slabs & cutting						
	1) 4th Cross Vidhya Nagar	1	5.00	2.10	0.25	2.63	
	For Reasons	2	5.00	0.60	0.45	0.00	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2) 5M COD Vidhyanagar	1	7.50	2.00	0.25	3.75	
	For Ramp	2	7.50	0.60	0.15	0.68 1.35	
	3) Ragimill Road	1	5.10	1.70	0.25	2.13	
	For Ramp	2	5.10	0.60	0.15	0.90	
	4) — to 2nd cross	1	5.10	1.40	0.25	1.75	
	For Ramp	2	5.10	0.60	0.15	0.90	
	5) Fls of Nagaral	1	4.20	2.00	0.25	2.10	
	For Ramp	2	4.20	0.60	0.15	0.76	
	6) Near Sfandard school	1	5.40	2.00	0.25	2.70	
	For Ramp	2	5.40	0.60	0.15	0.97	
	7) Near Chapamagere	1	5.60	2.10	0.25	2.80	
	For Ramp	2	5.60	0.60	0.15	1.01	
						80.42	

80.85

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
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M. A. R. 57 (Rule 116) No. D
Measurement Book

63691

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BF Total Qtty 80.42 m³ Qtty Limit to 80.190 m³ @ Rate Rs 4500/- m³					Rs 3,60,855=00	
	4) Supplying fixing & placing TMT steel bars Fe 500 Reinforcement for superstructure complete as per specn						
	BF Reinforcement Recorded in this MB vide page No: 63696.						
	i.e 8.02 Tonns @ Rate Rs 58,000/-					Rs 4,65,160=00	
	5) Disposal of debris to the final place of disposal as all lead and lift and as directed by the Engineer in Charge of the work						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			129.51				
	Qtty as the MB no ① i.e (129.60) m³						5180.-00
	@ Rate ₹ 40.-00 /m³					A	5184=00
	92,1258-00 ← Sub Total A						9,21,271=00
	110550-00 ← GST Charges @ 12% A						1,10,553=00
	1031808-00 ← Grand Total A						10,31,824=00
	Certificate						
	1. Certify that the coal sacks disposable the code Sales factory						
	2. Certify that there is no depot removal issue to coal sac						
	3. Certify that the coal sacks cleared all above @ 2nd Spl.						

29/03/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಚ ಮಾರ್ಗ, ಬೆಂಗಳೂರು ಮಹಾನಗರ

M. A. R. 57 (Rule 116) No. D

Measurement Book

63692

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sandur						
	10 culvert						
	1 Rectroom						
	Ragigudda Road		5.50 cm				
	2 Nos		4.50 cm				
	Kalingarayana Temple Road						
	Shantha Nivas						
	K.K. Road						
	Ragi Gudda						
	Basavanahalli Road						
	Chapalu Cave						

29/03/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಚ ಮಾರ್ಗ, ಬೆಂಗಳೂರು ಮಹಾನಗರ

29/03/22

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					1st and Final →		1031808-00
					IT →	10318-00	
					LWC →	10318-00	
					CBF →	1032-00	
					Rly →	15162-00	
					Fire →	5410-00	
					CESS →	9213-00	
					SESS →	9213-00	
					Deal (-) →	60666-00	
					Net →	971142-00	

Audited and admitted for Rs 1031808/-
Passed by Cheque for Rs 971142/-
Nine Lakhs Seventy one thousand one Hundred and Forty two Rupees only
by adjustment Rs 60666/-

Accountant/Superintendent Exe. Engineer
B.B.M.P. Dasarahalli Division

Progress Accounts

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. ..... Job code No: 015-20-000111 63693

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency Sri. Nagaraj. K.

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation for foundation of bridge Foo cel wors.						
	1) 4th Cross Vidhyaranya	1	5.00	2.20	1.00	11.00	
	2) 5th Cross -"-	1	7.50	2.10	1.00	15.75	
	3) Raghavendra road	1	5.00	1.80	1.00	9.00	
	do) -"- 2nd Cross	1	5.00	1.50	1.00	7.50	
	5) F/s Side of Mageera	1	4.20	2.10	1.00	8.82	
	6) Near Standard School	1	5.40	2.10	1.00	11.34	
	7) Near chapalamma Temple	1	5.60	2.10	1.00	11.76	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For RCC drain						
	Near Chappalamma Tank	1	30.10	1.10	0.90	29.70	
		1	4.00	1.10	0.90	4.84	
		1	18.10	1.10	1.00	19.80	
						129.60	
						129.51	
2)	Providing & laying PCC 1:3:6.						
	For culvert						
	1) 4th cross Vidhya Nagar	1	5.10	2.20	0.15	1.65	
	2) 5th cross — " —	1	7.50	2.10	0.15	2.36	
	3) Ragigudd Road	1	5.10	1.80	0.15	1.35	
	4) " — 2nd cross	1	5.10	1.50	0.15	1.13	
	5) F/s of Ragigudd	1	4.20	2.10	0.15	1.32	
	6) Near Standard Sch	1	5.40	2.10	0.15	1.70	
	7) Near Chapalamma tank	1	5.60	2.10	0.15	1.76	

M. A. R. 57 (Rule 116) No. D

Measurement Book

63694

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For RCC drain						
	Near Chapalamma tank	1	30.10	1.05	0.15	4.71	
		1	4.00	1.05	0.15	0.63	
		1	18.00	1.05	0.15	2.84	
						19.47	
4)	Providing & fixing TMT steel reinforcement						
	For culvert						
	4th Cross Vidhyanagar						
	Main wall both sides 12mm ϕ	2x2x42x2.40				403.20	@ 0.89/m = 358.84 kg.
	Distribution 12mm ϕ	2x2x16x5.00				320.00	m @ 0.89/m = 284.80 kg.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For Deck slab.						
	12mm ϕ Main bars -	2	42	2.40	—	168.00m @ 0.89/m — 149.52 kg	
	12mm ϕ distribution -	2	16	5.00	—	160.00m @ 0.89/m — 142.40 kg	
(2)	5th Cross Vidhyanagara.						
	12mm ϕ Main bar -	2	2	60	2.40	576.00m @ 0.89/m — 512.64 kg	
	12mm ϕ distribution -	2	2	16	7.50	480.00m @ 0.89/m — 427.20 kg	
	For deck slab						
	12mm ϕ Main bars -	2	60	2.40	—	240.00m @ 0.89/m — 213.60 kg	
	12mm ϕ distribution -	2	16	7.50	—	240.00m @ 0.89/m — 213.60 kg	
(3)	Ragigudda Road						
	12mm ϕ Main Bar -	2	2	42	2.40	— 403.20m @ 0.89/m — 358.84 kg	
	12mm ϕ distribution -	2	2	16	5.00	— 320.00m @ 0.89/m — 284.80 kg	

04/06/22

M. A. R. 57 (Rule 116) No. D

Measurement Book

63695

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For deck slab						
	12mm ϕ Main bars	2	42	2.40	—	168.00m @ 0.89/m — 149.52 kg	
	12mm ϕ distribution	2	16	5.00	—	160.00m @ 0.89/m — 142.40 kg	
4)	Ragigudda Road 2nd Cross						
	12mm ϕ Main reinf	2	2	42	2.40	— 403.20m @ 0.89/m — 358.84 kg	
	12mm ϕ distribution	2	2	16	5.00	— 320.00m @ 0.89/m — 284.80 kg	
	For deck slab						
	12mm ϕ main reinf	2	42	2.40	—	168.00m @ 0.89/m — 149.52 kg	
	12mm ϕ distribution	2	16	5.00	—	160.00m @ 0.89/m — 142.40 kg	

04/06/22

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5) F/s of Mazeed						
	12mm ϕ Main bar –	2x2x45x2.40				345.60 m @0.89/m	– 307.58 kg
	12mm ϕ distribution –	2x2x16x4.20				268.80 m @0.89/m	– 239.23 kg
	Foodwalk slab						
	12mm ϕ Main bar –	2x35x2.40				144.00 m @0.89/m	– 128.16 kg
	12mm ϕ distribution –	2x16x4.20				134.40 m @0.89/m	– 119.61 kg
	6) Near Maroda Road						
	12mm ϕ Main bar –	2x2x45x2.40				403.20 m @0.89/m	– 358.84 kg
	12mm ϕ distribution	2x2x16x5.40				345.60 m @0.89/m	– 307.58 kg
	Footpath slab						
	12mm dia Main bar –	2x45x2.00				180.00 m @0.89/m	– 160.20 kg
	12mm dia distribution –	2x16x5.40				172.80 @ 0.89/m	– 153.79 kg

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04/06/22

M. A. R. 57 (Rule 116) No. D
Measurement Book

63696

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7) Near Chappalirayaswamy Temple						
	12mm ϕ Main bar –	2x2x55x2.40				528.00 m @0.89/m	– 469.92 kg
	12mm ϕ distribution –	2x2x16x5.60				358.40 @0.89/m	– 318.97 kg
	For deck slab						
	12mm ϕ Main bar –	2x55x2.00				220.00 m @0.89/m	– 195.80 kg
	12mm ϕ distribution –	2x16x5.60				179.20 m @0.89/m	– 159.48 kg
	For RCC drain						
	Main Reinforcement 10mm ϕ	520x2.20				1144.00 m @ 0.62 kg/m	– 709.28 kg
	distribution bar 10mm ϕ	10x52.00				520.00 m @0.62 kg/m	– 322.40 kg
							8027.85 kg
							or 8.027 Tons @ 150.00
							to 8.02 Tons

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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04/06/22